

RTCA Select Committee FFP1 Subgroup

March 21, 2000

Meeting Summary

The Subgroup met at the FFP1 Program Office, 1500 K Street, Washington, D.C., 8:45 a.m. The following people were in attendance:

Roger Wall (Co-Chair), Federal Express
Clarence Butcher, FFP1 Program Office
Dave Cherry, FFP1 Program Office
Karl Grundmann, NASA
Charlie Keegan, FFP1 Program Office
Glenn Morse, Continental Air Lines
Pat Nolte, Department of Defense
Debra Pool (for Agam Singha), Mitre CAASD
Mike Powderly, Delta Air Lines
Jack Ryan, ATA
Michael Shanker, FFP1 Program Office
Bob Voss, FFP1 Program Office
Ardyth Williams, FFP1 Program Office

Agenda

1. Welcome and Review of Day's Objectives
2. FFP1 Tools - Lab Demonstration
3. State of FFP1 Programs – Charlie Keegan
4. Safety Metrics – Dave Knorr, FFP1 Program Office
5. URET Restriction Relaxation Update – Doug Fralick, FFP1 Program Office
6. Human Factors – Brenda Boone, FFP1 Program Office
7. Subgroup Recommendations: to be forwarded to the RTCA Select Committee

FFP1 Tools Demonstration

A demonstration of three FFP1 tools – URET, pFAST, and TMA – was given in the lab. The purpose of the demonstration was to give the Subgroup a first-hand look at these capabilities.

State of FFP1 Programs

Charlie Keegan provided the subgroup with a status of the FFP1 program, highlighting the tools, risk areas, and budgetary issues. See *Briefing to FFP1 Stakeholders, March 21, 2000.** See also *pFAST Display Issue, March 21, 2000.**

Safety Metrics

Dave Knorr discussed FFP1 safety metrics. He focused on the issues of operational errors and operational deviations associated with FFP1 tools. See *Safety Metrics for FFP1 Tools.* *

URET Restriction Relaxation

Doug Fralick gave an update on the restriction relaxation program at ZID and ZME. See *URET at ZID and ZME; Restriction Relaxation Evaluation.* * This was a follow-up to the briefing provided to the subgroup at the meeting held on November 16, 1999.

Human Factors

Brenda Boone provided the members with a briefing on human factors in FFP1 programs. Her presentation focused on initial work, processes, common elements to FFP1 capabilities, and key concerns specific to individual tools. See *Human Factors in FFP1.**

Recommendations

1. During the metrics discussion, the Subgroup recommended that FFP1 safety metrics focus on complexity of traffic flows and orderliness of traffic.
2. The Subgroup also recommended that efficiency metrics for each site be documented and published. The FFP1 Program Office will produce a bi-annual report on the performance of the tools.
3. The Subgroup agreed that the FFP1 human factors group could benefit from ALPA input and recommended that ALPA be invited to join the FFP1 Human Factors Review Board.

Next Meeting

The next Subgroup meeting is tentatively scheduled for Tuesday, June 27, 2000, 8:30 a.m., at the FFP1 Program Office, 1500 K Street, NW, Washington, D.C. Agenda items: TBD.

*Attachment